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the Quarterdeck

*a weekly publication serving
the Naval Postgraduate School*

NAVY STEEL BAND CONCERT



The U.S. Navy Steel Band has scheduled a **free** public performance in the NPS King Hall Auditorium at 2000 Friday, June 15.

The unique musical organization has travelled thousands of miles throughout the United States, the Caribbean and Europe playing calypso and other types of music on 55-gallon oil drums, trap set and a variety of Latin rhythm instruments. The oil drum barrels are handmade by Trinidadians in their homeland, where steel bands originated after World War II.

All seating is general admission, on a first come, first serve basis.

INSURANCE DEDUCTION ERROR

The school's payroll office for civilians (Naval Supply Center, Oakland) has advised that the amount for basic life insurance deducted from civilian employees' paychecks dated June 1 was calculated at the wrong rate. The correct amount will be withheld from checks issued on June 15.

In addition, retroactive deductions will be made from the June 15 paychecks to cover the miscalculation for the previous pay period. Optional life insurance rates were properly computed.

USS ACADIA TO VISIT MONTEREY

The destroyer tender USS Acadia (AD-42) will visit Monterey June 13-16.

Commanded by Capt. Parker T. Finch, Jr., the ship is manned by 43 officers and a crew of 1330.

The ship will be open for public visiting from 0900-1100 Thursday, June 14. Boats to the ship will depart from the U.S. Coast Guard Pier.

A 5-kilometer run will be held Friday, June 15, pitting NPS against Acadia crewmembers. The race is free and open to all. To participate, arrive in front of the NPS gym prior to 1600. Prizes will be awarded.

SPECIAL
ANNIVERSARY
ISSUE

75th

On June 9, 1909 - 75 years ago, Navy Department General Order 27 established the Department of Marine Engineering (the forerunner of the Naval Postgraduate School) at the U.S. Naval Academy.

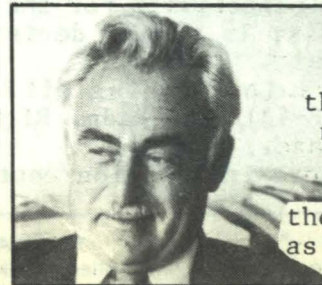
In observance of the school's 75th anniversary, there is a special four-page insert this week.

One story, **In the Beginning**, traces the origins and early history of NPS, while an interview with the NPS Superintendent, Commodore Robert Shumaker, looks at the school's near future.

Other stories include retrospective looks at the school by two professors, D.M. "Red" Layton and Abraham Sheingold.

Both men remember NPS' move in 1951 from Annapolis to Monterey. Professor Layton was a Navy officer student at the time.

Professor Sheingold remembers the move as a new



faculty member.

Since then both men have established themselves as cornerstones among the NPS faculty.

To help us observe the 75th anniversary, the CNO, Adm. James D. Watkins (an NPS alumnus) will speak at graduation ceremonies June 22. Also, the Department of Mechanical Engineering will observe the 75th anniversary of naval engineering on July 12-13 with a technical symposium and social events.

From the Superintendent...

The 75th anniversary this year of NPS brings to mind the need to capture our history as a school and to capture the memories of the old Del Monte Hotel. My feeling is that unless we make a conscious effort to collect material and facts, they may become lost forever.

I plan to implement a rather modest-sized museum within Herrmann Hall as a repository of memorabilia. This effort is under the direction of the PAO office and the NPS Foundation, a group of a dozen members of the local community who have NPS interests at heart.

Anyone who has information, articles for donation (or loan), or just the spirit to help this effort get off the ground, is cordially invited to call the PAO officer, extension 2023.

the word... by Chaplain Mel Hary (Fr.)

An ape was used to assist in tests on a high-speed rocket track at Edwards Air Force Base, CA. Objecting to being strapped onto the rocket sled, he was quieted by a technician who gave him a banana. No sooner had the ape begun to eat the banana, however, than he found himself a half-mile down the desert with the fruit smashed over his face.

The ape got his revenge, though. The next time he was used for a similar experiment, the technician gave him a second banana. Result? The ape hit him over the head with it.

We may feel like that ape sometimes, Lord--put upon, manipulated, taken for granted. And our impulse may be to strike out at something or someone. But that only gets us in trouble. Besides, we have higher powers. We can communicate with you. We can turn to you Lord, in our moments of anger and frustration, and know that you hear us. And it helps. Teach us to share more of our lives with you.

NAVSEASYS COM SEMINAR AT NPS

The Naval Sea Systems Command is sponsoring an "Engineering Duty (ED) Officer Career Appraisal Seminar" at NPS June 13-14 in Spanagel Hall, Rm. 101A.

The purpose of the seminar is to gather 15 senior engineering duty commanders who are approaching initial retirement eligibility for the provision of information which will assist in making decision about retiring or remaining active duty.

Two senior ED flag officers, Radm. Jas Nunnely, USN, OPNAV (OP-43), and Radm. Richard Grich, USN, NAVELEX, will participate.

For more information contact Ruby Kapsalis, ext. 2984.

THE QUARTERDECK

"The Quarterdeck" is published weekly with appropriated funds in accordance with NPPR P-35. Views and opinions expressed herein are not necessarily those of the Department of the Navy.

Superintendent/COMO R.H. Shumaker, USN
Provost/Dr. David A. Schraday
Public Affairs Officer/LCDR N.B. Thompson
Editor/J02 Patrick E. Winter, USN
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We solicit material in written form, but reserve the right of editorial control. Material should be submitted to the Public Affairs Office, Room 025, Herrmann Hall. Deadline for submission of material for publication is 12 noon, Monday.

JOB ASSISTANCE FOR VETS

Locating a job is often a difficult and lonely search, but it doesn't always have to be. There are people available to help vets find new jobs and careers.

Mr. Sam Bailey, of the Equal Employment Opportunity Office (EEO), aids in referring and placing veterans in jobs, providing information on training opportunities and locating jobs on behalf of the disabled Vietnam-era veterans.

Those interested should contact Mr. Bailey on Tuesdays from 0900-1200 at the EEO Office, Rm. 130A, Herrmann Hall or call ext. 2025, or can contact the EDD Office in Monterey 373-0143.

BUILDING COMFORT

With the arrival of the warm season, it is common practice at NPS to secure the steam heating system to all academic/office buildings.

Since the "active" comfort system has been shut down, here are some "passive" comfort suggestions:

*remember to close windows, lower blinds and close slats when leaving;

*move work stations away from windows in direct sunlight, closing blinds if necessary;

*open windows and/or doors for ventilation;

*turn off any unnecessary electrical appliances or machines;

*use natural light rather than electric if abundant and not direct;

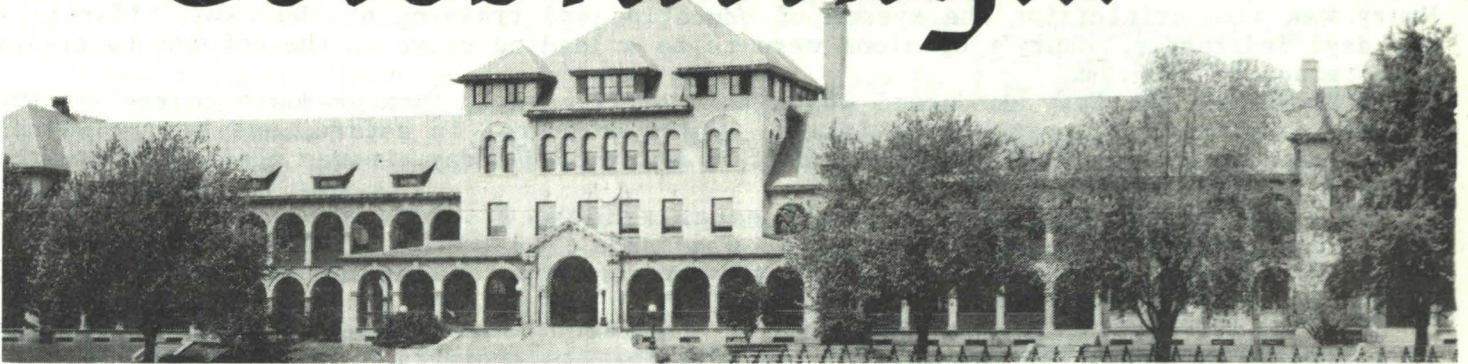
*keep a light sweater or jacket available.

QUARTERDECK TRIVIA

ANSWER TO LAST WEEK'S QUESTION--The only person not to be fired from the staff of the WJM Newsroom of the Mary Tyler Moore television show was Ted Baxter.

He was a graduate from the U.S. Military Academy, West Point, in 1915. He became Chief of Staff of the Third Army in 1941 and directed the Allied Invasion in Africa. Who is he?

Celebrating...



IN THE BEGINNING...

The origins of the Navy's postgraduate education program, now embodied in the Naval Postgraduate School in Monterey, were small, somewhat tentative and beset with the problems of early struggle.

Although established as the School of Marine Engineering at the Naval Academy, Annapolis, Maryland, in 1909, the need for some form of specialized postgraduate training had been recognized years earlier by a few far-sighted officers and civilians interested in the future of the Navy.

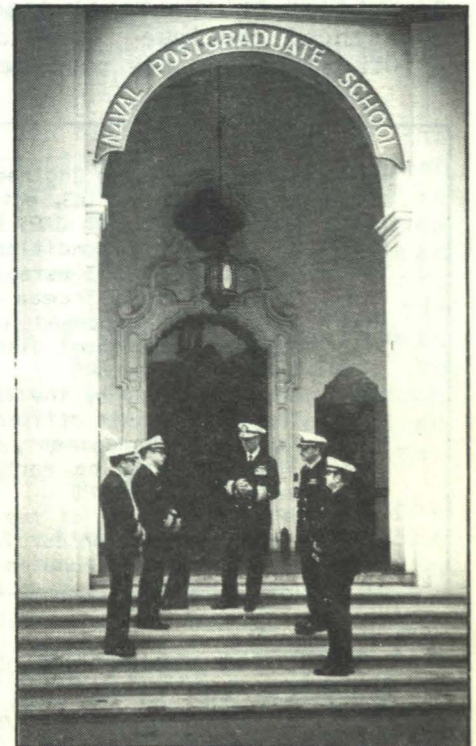
One of those men was Matthew Fontaine Maury, who wrote critical articles under the pseudonym Harry Bluff during the 1840s. One of his more profound observations was "the holding of officers of one profession responsible for the duties of another which they have never studied and do not understand is not only unwise, but mischievous."
(continued inside)

our
75th
year

LOOKING TO THE FUTURE: AN INTERVIEW WITH THE SUPERINTENDENT

A continuing emphasis on quality education, increasing enrollment, construction of a new science building, upgrading of existing facilities and increased emphasis on continuing education are on the horizon for the near future at NPS according to Superintendent Commodore Robert H. Shumaker, USN.

"As we look back with a lot of pride over the 18,000 students who have studied at the school, the characteristic that identifies those students and those 75 years has been quality education, with the emphasis on quality," he said. (continued inside)



BEGINNINGS...(cont'd)

Maury was referring to the dispute then within the Navy as to who should be in charge: the line officers who learned the arts of war at sea, or the technicians (essentially engineers) who were just beginning to make themselves felt in the naval infrastructure. Maury was also criticizing the system of education and training of the naval officer of his day. Indirectly, Maury's opinions were to be a leading salvo in the efforts to create a postgraduate program.

In the 1880s the Navy conducted what was identified as a "postgraduate course" at the Torpedo Station in Newport, Rhode Island. While technical in nature, and hardly within the concept of postgraduate education as it is understood today, it was a significant step in the right direction.

The first major step leading to the establishment of what later became the Naval Postgraduate School (at the Naval Academy) was taken in 1903 when Congress authorized an appropriation for the construction of an experiment station and test laboratory at Annapolis.

Then, in 1904, upon the recommendation of department bureau chiefs, the Navy embarked on a program of providing specialized training for its officers. This program involved alternate tours of schooling with tours of sea duty, in a sense a form of postgraduate training.

In 1909 the Navy established the School of Marine Engineering at the Naval Academy, pursuant to Navy Department General Order 27 of June 9, 1909. Though a significant milestone in postgraduate education in the Navy, the provisions of the general order clearly indicated that the Navy considered this new concept a stepchild.

The new school was to be under the supervision and control of the superintendent of the Naval Academy. The educational resources of the academy could be used, but not so much as to interfere with the instruction of midshipmen. And, as if to underscore the tentative beginnings, the scope of the school was limited to ten officer students per year with a course of instruction not to exceed two years.

Nevertheless, this school was the beginning of the postgraduate program as it has evolved today. At the 1911 graduation of the class, Assistant Secretary of the Navy Beekman Winthrop said, "There will some day be a postgraduate course to call all of the officers of the Navy together. This school is the beginning, and may be the one on which the Navy Department of the future may have to depend."

In 1919, following a hiatus because of World War I, the postgraduate department was reopened with a larger student body and an even more diversified educational program directed toward broad military applications of science and technology.

Finally, the concept of postgraduate education came into its own in 1921 when this department of the Naval Academy was renamed the U.S. Naval Postgraduate School. However, the school continued to be operated by the academy.

Other changes are outlined in the Historical Highlights section below.

HISTORICAL HIGHLIGHTS

- 1909 - School of Marine Engineering established at Annapolis
- 1917 - NPS closed with U.S. entry into World War I
- 1919 - NPS reopened with CAPT E.J. King (later a fleet admiral and CNO) as Head
- 1940 - In contrast to conditions during WWI, NPS expanded
- 1947 - Public Law 80-303 established NPS as a separate activity
- 1948 - President Harry Truman authorized the move of NPS to Monterey
- 1951 - NPS officially opened in Monterey
- 1952 - General Line School disestablished at Newport, RI, and its Engineering School became part of NPS
- 1955 - NPS accredited by the Western Association of Schools and Colleges
- 1956 - The first female officers admitted to NPS
- 1962 - Schools of Management, General Line and Engineering consolidated into one school, NPS
- 1973 - The Antisubmarine Warfare (ASW) Curriculum, the first of a series of operational programs, established at NPS
- 1973 - NPS becomes part of the Naval Education and Training Command
- 1981 - Two space-related curricula, Space Systems Operations and Engineering, established at NPS
- 1983 - NPS becomes an Echelon II command reporting to Chief of Naval Operations

In 1951 all activities of the postgraduate school were moved to Monterey. The school at Annapolis was closed on Thanksgiving Day, 1951. The main hotel building was renamed Herrmann Hall in honor of Rear Admiral Ernest E. Herrmann, who guided the transition from Annapolis to Monterey.

Today approximately 1,500 students are enrolled in the school's 40 programs. The students represent all branches of the service--Navy, Marine Corps, Air Force, Army and Coast Guard. Also included in the student body are Department of Defense civilians and officers from approximately 30 allied countries.

A THIRD OF THREE QUARTERS

In 1951, Professor Donald M. "Red" Layton was a student at NPS. He has since spent all but 11 years with the Postgraduate School.

"It was a routine Navy change of duty station: pack up the household effects (blackboards, desks, chairs, lab equipment, textbooks, etc.), get the kids ready (550 military and civilian personnel plus dependents), and move across the United States.

Routine--except that this "family" happened to be the Naval Postgraduate School moving permanently from the Naval Academy in Annapolis, Md., to Monterey, Calif., setting up shop in the east wing of the old Hotel Del Monte and some Butler buildings.

Back then it was slide rules and hand-drawn (and inked) curves; happiness was having a wife that could type reports! Aeronautics was a three-year program: two at NPS and a third at a civilian school.

After graduation, with Fleet Admiral Nimitz as the speaker, and the reception, six of us were off to Princeton. We soon learned that the outstanding preparation at NPS put us so far ahead that the Ivy League year was a relative snap.

Returning to NPS 11 years later, I found that there had been some substantial changes in aeronautics--primarily jet engines and rockets. Those far-fetched problems in "Pop" Rawlins' mechanics classes about escape from Earth's gravity had ceased being theoretical and, even on this planet, twice-supersonic flight was a reality.

But the big change in the education process was computers. Every student became a keypunch operator and problems that previously took four hours to solve on a slide rule now took only a half-hour (plus two hours for error-free cards and a day's wait for the output).

Military relevance became a watchword. What could NPS do that MIT, Harvard or Stanford couldn't? The basic fundamentals were still taught, but perhaps with more of a thought of what was to be done with those basics in the military occupational fields.

The aeronautics program was reduced from three years to two, all on campus, and new concepts replaced spruce spars, muslin and reciprocating engines.

Where are we today? Computers have been not only the function forced, but the forcing function. They have permitted much streamlining in the education process. For example, aircraft dynamic stability used to require several weeks to learn methods for approximation of the solution of the fourth-order longitudinal equation. Today a student can solve these equations accurately on a hand-held calculator and class time can be devoted to other subjects.

And what of the future? The good news is computers and computer graphics--and the bad news is computers and computer graphics. The computers, from the mainframe down through the PC's to the hand-held types, are so versatile that no one knows how to get approximate answers in a hurry. It is somewhat similar to the "digital watch syndrome" where it is "11 minutes to 10," never "nearly 10."

The graphics of the computer with CAD, CAE, CAM, CAI, etc., have all but eliminated drawing and drafting and are now in the process of eliminating the ability to sketch. As a result, if someone pulls the plug, not only will our screens go blank, but our minds will be the same. The only solution is for NPS to maintain some of the "basics of the basics."

A RETROSPECTIVE LOOK

-- THEN AND NOW

by Professor A. Sheingold

When I came to Annapolis in 1946 to join what was then known as the Naval Academy Postgraduate School, it was housed in a converted Marine Corps barracks on the academy grounds.

My "office" consisted of a desk in a large room shared by eight others and the bottom drawer of a file cabinet (so located because I was a junior faculty member and the shortest in stature).

Typing assistance came from a secretarial pool located in the basement and telephone messages were relayed by the officer-in-charge of curriculum, a captain on whose desk sat the only telephone in the room. The school library consisted of a textbook collection housed in the attic and computer support for instruction was nearly a decade away.

Obviously, the changes in physical facilities and operational support since then have been profound: the civilian faculty and student body have each quadrupled in size; numerous new courses and curricula have been established; programs are much more flexible with regard to student-input, timing, and tailoring to individual needs; classroom instruction is now sustained by a vigorous faculty research program.

Yet, despite all the changes, much about the school and its operation remains unaltered: its basic reasons for being; the motivation of its students; the accomplishments of the graduates by applying their education-acquired knowledge and skills; and, on a personal note, the pride and pleasure in belonging, felt by a no-longer-junior faculty member.

SYMPOSIUM MARKS NAVAL ENGINEERING'S 75TH ANNIVERSARY

The Naval Postgraduate School's original area of study, naval engineering, will mark its 75th anniversary with a special symposium July 12 and 13. "NAVAL ENGINEERING -- Past...Present...Future" will be co-sponsored by the American Society of Naval Engineers.

Two social events will be held in conjunction with the observance. The first will be a barbecue and sporting events at the NPS Golf Course Picnic Grounds on Thursday, July 12. The following evening, Friday, July 13, a banquet will be held in the Barbara McNitt Ballroom.

Dr. Paul J. Marto, chairman of the mechanical engineering department, feels that the symposium "will expose the present NPS student body to current and future practices in the design and maintenance of naval ships."

The symposium will feature speakers from military, government, industrial and academic communities. Panel discussions and speakers will address subjects ranging from modular ship construction, propulsion systems and the conversion of civilian ships to military uses during national emergencies.

All NPS students, faculty and alumni are invited and encouraged to attend the symposium, which will be held in Ingersoll Hall, Room 122.

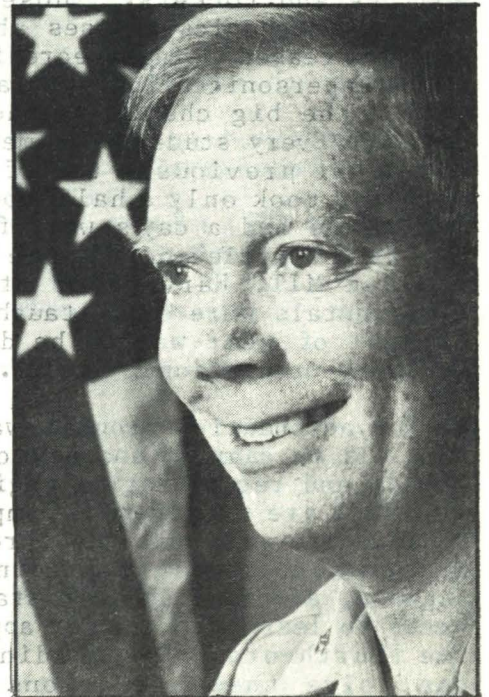
For additional information concerning the events, call Vicki Culley, ext. 3462.

LOOKING TO THE FUTURE...(cont'd)

NPS is held in very high regard nationally, he stated, and the common denominator in achieving that eminence was emphasis through the 75 years on quality education. To maintain that quality will be "the setting of the sails for the future."

Enrollment at NPS is expected to increase from 1,500 to 1,800 within the next four years. The superintendent pointed out that Admiral James D. Watkins, USN, the Chief of Naval Operations and an NPS alumnus, is a strong proponent of graduate education. As a result of some actions taken by the CNO last year, Navy quotas for graduate education are expected to increase from the present 700 to 850 per year by the end of the decade.

In addition to the new Navy Exchange that should be completed by October, Commodore Shumaker said that there will be additional construction in the near future. Funds have been identified in the Fiscal Year 1986 budget for a new science building, to be located in the vicinity of the Butler-type buildings (to the left of the main gate upon entry), now occupied by the Public Works Department. The new building is projected to be four stories and its design similar to that of other Academic Quadrangle facilities.



Also planned for the future are some improvements to existing facilities--new furniture and carpeting for classrooms and improvements in bathrooms. Since there are limited funds for such improvements, one building per year will be upgraded starting with Spanagel Hall this year.

Some improvements will also be made in King Hall which Commodore Shumaker, who is also a former student here, described as "once a rather majestic and nicely appointed" facility. This year, he plans to replace fabric on chairs, new curtains and some general repairs.

Another area that will receive increasing emphasis is continuing education.

"We can do a whole lot more for students who anticipate coming here and for those who have left here but desire to stay current in their field," Commodore Shumaker stated.

Another reason for emphasis on CE is that the superintendent forecasts an explosion in technology in the combination of microcomputers and video-recorders which will enable the school to inject greater efficiency into the learning process.

MARATHON MAN AT NPS

By the time most people reach the age of 46, exercising means developing calluses on their fingertips from pushing buttons on the remote control and wearing a path in the carpet to the refrigerator. Not Nick White, he is more active now than most collegiate athletes.

When most people are sitting eating their lunch, Nick is running five miles during his 30-minute break, rain or shine, only to return to his duties in the Public Works Department, where he has worked for the past 13 years.

White is currently preparing for a half-triathlon which will begin at Uvas Lake in Monterey, August 12. The grueling event is comprised of a 1.5-mile swim, 52-mile bike ride, and 1.3-mile run.

Any athletic pursuit requires good physical conditioning. It is a daily process. How does Nick White keep his body running like a well-tuned machine throughout the year? For White, diet is an important factor.

"I eat a high carbohydrate diet, stay away from fats and fast foods, and eat small portions of meat," he said.

Always energetic, his exercise includes swimming, running, lifting weights, playing basketball and baseball. Athletics became important in his life after he enlisted in the Marine Corps, surviving their brutal basic training.

In 1972 he began running and, never giving up the sport completely, switched to bicycle riding 10 years later. According to White, competitive running was taking its toll.

"I didn't like the pressure on my body. When you finish a bike marathon you can keep going. When you finish a run marathon you want to fall asleep for a week," he said.

Seven years ago he decided to leave the car in the garage and pedal to work, averaging 20 miles daily.

Preparation for the triathlon means pumping, stretching and battling bumpy pavement, almost 40 miles of it every day.

"Marathons aren't races, but a competition against yourself," White said, describing the many marathons in which he has participated, from as far north as Chico, to as far south as San Luis Obispo.

Time and money are two common obstacles for most people, but not for White. What most people invest in a down payment for a car, White invests in his equipment: a helmet, a good pair of shoes, gloves and shorts, and, most important, his bikes. White estimates he has about \$3,000 invested in his three bikes alone.

Goals, achievements, victories and losses are all major elements on any competitive level. White feels one of his highest personal achievements was in August 1976. The veteran marine entered a marathon, hoping to finish in four hours. Exhausted and near the end, he wanted to quit when he saw his wife waving to him.

"It seemed forever to the finish line," he recalled. But his goal became a reality. He finished in 3 hours and 22 minutes.



TENNIS CLINICS

Three tennis clinics are currently being offered by the Recreation Department.

Tennis lessons by Mary Drag, a professional player, will be given July 9 - 11 and August 6 - 8.

Youth clinics consisting of eight one-hour lessons will be offered for dependent youths this summer. Clinics will be held July 9 - 19 and July 23 - August 2.

Doubles clinics will begin July 9 for the Monterey Bay League tennis tryouts in August.

FISHING TRIPS

Reservations are now being accepted for Saturday and Sunday fishing trips.

Sign ups for NPS students, staff, faculty, dependents, tenant commands, and qualified NPS employees are held Mondays - Tuesdays 0800 - 1630 and Wednesdays 0800 - 1200.

Retired military, personnel from other military branches and their dependents may sign up for trips Wednesdays 1200 - 1630 and Thursdays - Fridays 0800 - 1630.

EM CLUB NOTES

The EM Club will open at 1100 and remain open Wednesday, Thursday and Friday, June 13 - 15.

The club will be open until 2300 Wednesday and Thursday, 0100 on Friday. Also on Friday, D.J. Eric Scott will spin his stuff from 2100-0100.

On Friday, June 22, "The John Silver Band" will be appearing live from 2100-0100.

"Sons of the Red Planet," another live band, will be appearing Friday, June 29.

"CIVISCOOP"

NEW EMPLOYEES:

Naval Postgraduate School

Rowena G. Baxter	Clerk-Typist (P)	Mathematics Dept
Patricia J. Babbitt	Clerk-Typist (P)	Operations Rsrch Dept
Andrew Jakubowsky	Custodial Worker (T)	Oceanography Dept
Norman L. Longaker	Custodial Worker (T)	Oceanography Dept
Yoo-Jong Kim	Summer Aid	Library
Richard Ramon	Laborer (T)	Public Works Dept
Rod Ramon	Laborer (T)	Public Works Dept
Kathleen DeAmaral	Laborer (T)	Public Works Dept
Dennis J. Trupiano	Laborer (T)	Public Works Dept
George J. Menezes	Gardner (T)	Public Works Dept
John R. Gibson	Meteorologist (P)	FNOC

MERIT STAFFING ANNOUNCEMENTS

Applications for the following vacancies are now being accepted in the Civilian Personnel Office. Consult the Merit Staffing Program announcements in your department for further information.

<u>Position & Announcement #</u>	<u>Location</u>	<u>Grade</u>	<u>Closing Dates</u>
Supvy Meteorologist 84-42	NEPRF	GM-1340-15	06-15-84
Comprr Sysrs Programer 84-44	Computer Center NPS	GS-334-11	06-08-84
Comprr Sysrs Programer 84-45	Electrl & Comprr Engrg NPS	GS-0334-11	06-08-84
Comprr Specialist 84-46	Comprr Sysrs FNOC	GS-334-05/07/09	06-15-84
Electronics Tech 84-47	FNOC	GS-856-09	06-22-84
Guard 84-48	Security Div NPS	GS-085-04	06-13-84

MERIT STAFFING PROGRAM PROMOTIONS

Jeanne M. Partridge to Clerk-Typist, GS-322-04, in the Public Works Dept on 06-10-84.

CIVILIAN AWARDS

QUALITY INCREASE

Elaine R. Christian, Secretary in the Elex Comm Programs Office

CAR RENTAL

A car rental service will be offered at the Navy Exchange Auto Service Center for authorized patrons 21 years and older beginning Monday, June 11.

Daily, weekly and weekend rates will be available. Liability insurance may also be purchased for an additional fee. Cash, personal checks, Visa and Mastercard will be accepted for the rental service.

Rentals may be made between Mondays thru Fridays 0800 - 1700 and Saturdays 0800 - 1600.

CALENDAR OF EVENTS

JUNE

-8-

1830-2300

14TH ANNUAL ENGINEERING BANQUET,
BARBARA MCNITT BALLROOM
(POC: LT KEELAND, 242-4612)

1410

THESIS PRESENTATION

"AN INVESTIGATION OF LOW
FREQUENCY AMBIENT NOISE IN THE
NORWEGIAN SEA,"
BY LT ROBERT A. LAWSON, USN
IN-271

1450

THESIS PRESENTATION

"THE ADEQUACY OF MODERN
ACOUSTIC PROPAGATION MODELS IN
THE MARGINAL ICE ZONE AND
POLAR FRONT OF THE
EAST GREENLAND SEA," BY
LCDR WILLIAM A. SLEICHTER, USN
IN-271

-9-

1830-2400

INTERNAT'L COMMITTEE CONFERENCE,
(POC: TONI BREKKE, 375-5979)

-12 TO 13-

SEMINAR

ENGINEERING DUTY OFFICER
CAREER APPRAISALS
SP-101A

-13-

1200

PRESENTATION OF ANNUAL

ADM WILLIAM ADGER MOFFETT AWARD,
GALLEON ROOM

-13 TO 16-

SHIP VISIT

USS ACADIA (AD-42)
PUBLIC VISITING THURSDAY,
JUNE 14, 0900 - 1100
U.S. COAST GUARD PIER

-14-

0810/1310

SEMINAR

"NEW EXPLOSIVES AND TRENDS IN
EXPLOSIVE TECHNOLOGY,"

BY DR. R. ATKINS, NAVWPNCN,
CHINA LAKE, CA
(POC: PROF. K.J. GRAHAM,
EXT. 2958)

SEMINAR TO BE PRESENTED TWICE
0810/SP-136 & 1310/SP-408

-15-

VISIT BY

BGEN PETTYJOHN, USMC
DIRECTOR OF INTELLIGENCE,
CINCPAC CAMP SMITH, HI,
TO SPEAK TO INTELLIGENCE STUDENTS
(POC: PROF. PARKER, EXT. 3308)